

Title (en)

CALIBRATION METHOD FOR GAS ANALYSIS APPARATUS, GAS ANALYSIS SYSTEM, AND PRESSURE VARYING DEVICE

Title (de)

KALIBRIERVERFAHREN FÜR GASANALYSEVORRICHTUNG, GASANALYSIERSYSTEM UND DRUCKVARIABLE VORRICHTUNG

Title (fr)

PROCÉDÉ D'ÉTALONNAGE POUR APPAREIL D'ANALYSE DE GAZ, SYSTÈME D'ANALYSE DE GAZ ET DISPOSITIF DE VARIATION DE PRESSION

Publication

EP 3480593 A3 20190911 (EN)

Application

EP 18204516 A 20181106

Priority

JP 2017214121 A 20171106

Abstract (en)

The present invention includes: connecting a pressure varying device to a sample gas introduction port and a gas discharge port of a gas analysis apparatus; depressurizing or pressurizing the sample gas introduction port and the gas discharge port by the pressure varying device; introducing calibration gas from a calibration gas introduction port of the gas analysis apparatus in a depressurized or pressurized state; and calculating a pressure correction factor for the gas analysis apparatus with use of a measurement result of the calibration gas by the gas analysis apparatus.

IPC 8 full level

G01N 33/00 (2006.01); **G01N 21/3504** (2014.01)

CPC (source: EP US)

G01M 15/102 (2013.01 - EP US); **G01N 1/2252** (2013.01 - US); **G01N 21/274** (2013.01 - EP US); **G01N 21/3504** (2013.01 - EP US); **G01N 33/0006** (2013.01 - EP US); **G01N 33/0016** (2013.01 - EP US); **G01N 33/007** (2013.01 - US); **G01N 33/004** (2013.01 - EP US); **G01N 33/0072** (2024.05 - US)

Citation (search report)

- [XY] US 2017299459 A1 20171019 - SPARTZ MARTIN L [US]
- [Y] US 2017299505 A1 20171019 - NISHIMURA KATSUMI [JP]
- [X] US 2006236752 A1 20061026 - NAKAMURA HIROSHI [JP]

Cited by

EP3667315A1; US11168629B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3480593 A2 20190508; **EP 3480593 A3 20190911**; **EP 3480593 B1 20201230**; CN 109752485 A 20190514; CN 109752485 B 20230221; JP 2019086371 A 20190606; JP 6985893 B2 20211222; US 10955398 B2 20210323; US 2019137465 A1 20190509

DOCDB simple family (application)

EP 18204516 A 20181106; CN 201811294511 A 20181101; JP 2017214121 A 20171106; US 201816181469 A 20181106